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MEC Mangum
Engineering
Consultants

copy Ang, Pm
File ACT/015/025 #5

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27 March 1992

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Grubaugh-Littig,

Re: NOV 92-40-1-1, SBC-3 Monitor Well. Bear Canyon Mine, Co-Op
Mining Company, ACT/015/025, Emery County, Utah

Enclosed is a proposal for the repair of SBC-3, for which violation #NOV 92-40-1-1 was written. Bill Warmack, with the Division of Water Rights, was on site today, along with licensed driller Dutch Zimmerman. The proposal outlines Mr. Zimmerman's proposal for repairing the well. The plan was reviewed by Bill Warmack, and found to be adequate. Mr. Zimmerman will be on site next week and can complete the work on the well upon immediate approval. Please review the plan and reply. I will be in the Division's Salt Lake Office Tuesday if any discussion concerning the plan is necessary.

Thank You,

Charles Reynolds
Charles Reynolds, B.S.

Compliance Coordinator

Enclosure(s)

cc: Kim Mangum
Co-Op Mining Co.
Bill Warmack, DWR
Dutch Zimmerman

Proposal for Repair of SBC-3 Monitor Well.

The repair of SBC-3 will be completed by licensed Well Driller Dutch Zimmerman. The ground will be excavated to about 8" below the damage in the well casing. The casing will then be cut below the level of the damage.

A coupling will be placed at the new top of the casing, and a 4" PVC rise will be placed above the coupling to reestablish the well elevation. Grout will then be placed around the well, covering the coupling.

A square, metal protective casing will then be placed over the top of the well with a locking cap to protect the well. A concrete pad will then be placed around the well. Figure A shows a sketch of the proposed work. The original hole completion was 46 feet.

Figure A.

